

QUALITY ASSURANCE PROVISIONS

NSN: 9G-1615-01-310-0522 P/N: (78286) 65396-06008-102

NOMEN: Pilot, Coupling

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing (78286) 65396-06008, REV "C" and all details and specifications referenced therein.

I. Quality/Inspection Requirements

- A. MIL-I-45208 or ISO 9000 equivalent applies:
- B. First Article Testing applies:
- C. Mandatory Inspection applies:

II. Supplemental Requirements

Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent applies.

The contractor shall include on the detailed process/operation sheets developed, (1) all in house manufacturing processes and (2) the identity of all manufacturing sources performing processes/ operations outside their facility. The process/operation sheets shall not be revised or altered after the successful completion of First Article or Production Lot Testing without approval from the Engineering Support Activity (ESA) via the PCO.

The Inspection Method Sheets which list the characteristics of each item produced under the contract shall have serial number traceability to the raw material, casting, or forging.

Markings should be I/A/W MIL-STD-130 REV. "J" para. 5.3.3(a), (b), (c) and (g). Method and location shall be I/A/W drawing.

III. Mandatory Inspection Requirements:

During production, mandatory inspection is required to be accomplished by the contractor as follows:

- A. Level of Inspection (LOI).
 - 1. Critical Characteristics: 100% inspection shall apply.
 - 2. Major and Minor Characteristics - LOI shall be I/A/W a sampling plan acceptable to the QAR.

B. Critical Characteristics

Sikorsky Aircraft Drawing 65396-06008

- 1) Zone: 3C 4.1630/4.1629 Diameter (DO NOT PAINT THIS DIAMETER)
- 2) Zone 3C Diameter A Concentric to Diameter B within .0005
- 3) Zone 3E Surface Perpendicular to A Diameter within .001

C. Major and Minor Characteristics

1. Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject item(s) will not be provided by the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing or referenced specification.

FIRST ARTICLE APPROVAL - GOVERNMENT TESTING

I. First Article Inspection/Test Criteria:

The First Article Testing to be performed by the government under the First Article Test approval clause (FAR 52-209-4) of the contract are:

- A. Form: 100% Dimensional Check (special)
- B. Compliance with drawing (78286) 65396-06008 REV. "C", and all details and specifications referenced therein.
- C. Review documentation as provided under DD 1423 requirements.

In addition to the above tests, the First Article(s) to be delivered hereunder shall also be subjected to those tests, which will demonstrate, that the article(s) comply with contract requirements.

The contractor shall be responsible for providing necessary parts and repair of the First Article Sample(s) during testing.

Unless otherwise provided for in the contract, sample(s) shall be returned to the contractor and may be considered production items under the contract, provided the sample(s) can be refurbished to ready for issue (RFI) condition and provided the sample(s) have inspection approval of the cognizant DCMC QAR. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

SHIPPING/ADMIN INSTRUCTIONS FOR GOVERNMENT FAT

FAR 52.209-4 applies

- a. The contractor shall deliver two (2) units of (78286) 65396-06008-102 each before plating and 1 each after plating, within ____ calendar days from the date of this contract, to the to the government designated test facility listed below.

**COMMANDING OFFICER
NAVAL AVIATION DEPOT CHERRY POINT
F.A.T. CONTROL CENTER
Attn: Mr. Steve Lundberg, Code: 3.3.2
Building 159, Door R-5
MCAS Cherry Point, NC 28533-5040**

1. Marking of the test sample(s) shipping container shall be as follows:

**FOR FIRST ARTICLE TESTING
NOT FOR RFI
DO NOT TAKE UP IN STOCK
CONTRACT NUMBER:**

2. For First Article Test, the shipping documentation shall contain contract number and lot/item identification. The characteristics that the First Article must demonstrate and the testing requirements are specified elsewhere in this contract.

b. Upon shipment of First Article samples, two copies of the Material Inspection and Receiving Report (DD Form 250) bearing the QAR's signature and indication of preliminary inspection shall be forwarded to the PCO and the designated test facility. The envelopes shall be clearly marked: "DO NOT OPEN IN MAIL ROOM"

1. Within 90 days after receipt of the samples the test site shall complete testing and evaluation and submit two copies of their tests report with conclusions and recommendations to the PCO.

c. Within 120 calendar days after the government receives the First Article, the contracting officer shall notify the contractor in writing of the approval, conditional approval, or disapproval of the First Article. The notice of approval, conditional approval, or disapproval shall not relieve the contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the contractor. A notice of disapproval shall cite reasons for disapproval.

d. If the First Article is disapproved, the contractor, upon Government request, shall submit an additional First Article for testing. After each request, the contractor shall make any necessary changes, modification, or repairs to the First Article or select another First Article for testing. All costs related to these tests are to be borne by the contractor, including any and all costs for additional tests following disapproval. The contractor shall furnish any additional First Article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this First Article within the time limit agreed upon at time of re-submission. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule or for any additional costs to the government related to these tests.

e. If the contractor fails to deliver any First Article on time, or the contracting officer disapproves any First Article, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

f. Unless otherwise provided in the contract, the contractor-

1) may deliver the approved First Article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing; and.

2) shall remove and dispose of any First Article from the Government test facility at the contractor's expense.

g. If the Government does not act within the time specified in paragraph B, or C above the contracting officer shall, upon timely written request from the contractor, equitably adjust under the changes clause of this contract, the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

h. The contractor is responsible for providing operating and maintenance instructions spare parts support and repair of the First Article during any First Article test, when applicable.

i. Before First Article approval, the acquisition of materials or components for, or the commencement of production of the balance of the contract quantity is at the sole risk of the contractor. Before First Article approval, the costs thereof shall not be allocable to this contract for 1) progress payments, or 2) termination settlements if the contract is terminated for the convenience of the Government.

j. The contractor shall produce both the First Article and the production quantity at the same facility and shall submit a certification to this effect with each First Article.

k. The contractor shall provide specific written notification to the procuring contracting officer informing him/her of the shipment of any articles furnished in accordance with this clause. Such notification must be addressed to the attention of ACO with copies to the testing activity. Failure to provide such notification shall excuse the Government from any delay in performing First Article Testing and informing the contractor of the results thereof.

l. Fourteen (14) days prior to shipment of First Article Sample(s), the contractor shall notify the designated test facility, in writing of the anticipated shipping date, with an information copy to the PCO. The contractor shall also arrange for preliminary inspection of test samples by the DCMC/QAR.

Waiver of First Article Testing Requirements may be granted for (78286) Sikorsky Aircraft.

CONTRACT DATA REQUIREMENTS LIST (2 Data Items)						Form Approved OMB No. 0704-0188					
<p>The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>											
A.CONTRACT LINE ITEM NO.		B.EXHIBIT		C.CATEGORY: TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>							
D. SYSTEM/ITEM 1615-01-310-0522		E.CONTRACT/PR NO.		F.CONTRACTOR							
1.DATA ITEM NO. 0001	2.TITLE OF DATA ITEM CERTIFICATION DATA REPORTS			3.SUBTITLE COMPLETED PROCESS OPERATION SHEETS							
4.AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T		5.CONTRACT REFERENCE		6.REQUIRING OFFICE DSCR							
7.DD250 REQ LT	9.DIST STATEMENT REQUIRED	10.FREQUENCY AS REQ	12.DATE OF FIRST SUBMISSION SEE BLOCK 16*		14.DISTRIBUTION						
8.ADP CODE A		11.AS OF DATE	13.DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16 **								
16.REMARKS BLOCK 12 * If the process Operations change after contract award. BLOCK 13 ** At contract completion				a. ADDRESSEE		b. COPIES					
						Draft	Final				
					Re		Repro				
								15.TOTAL		4/0	
				1.DATA ITEM NO. 0002	2.TITLE OF DATA ITEM CERTIFICATION DATA REPORTS			3.SUBTITLE COMPLETED INSPECTION METHODS SHEETS			
4.AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T		5.CONTRACT REFERENCE		6.RE2QUIRING OFFICE NAVICP-P							
7.DD 250 REQ LT	9.DEST STATEMET REQUIRED	10.FREQUENC Y AS REQ	12.DATE OF FIRST SUBMISSION SEE BLOCK 16*		14 DISTRIBUTION						
8.ADP CODE		11AS OF	13DATE OF SUBSEQUENT								
				a.ADDRESSEE		b. COPIES Final					

A		DATE	SUBMISSION SEE BLOCK 16**		Draft	Reg	Repro
16. REMARKS BLOCK 12 and BLOCK 13 At time of contract completion and the contractor shall retain 100% of contract quality records for seven years.							
				QAR		1/0	
				NAVICP-P 0731		1/0	
				PCO		1/0	
				NADEP CH/PT CODE 3.3.2		1/0	
G. PREPARED BY NAVICP-P		H. DATE	I. APPROVED BY NAVICP-P		J. DATE		

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INSTRUCTION FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory

Item B. Self-explanatory

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual Other - other category of data, such as A Provisioning, A Configuration Management, etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award)

Item F. Self-explanatory (to be filled in after contract award)

Item G. Signature of preparer of CDRL

Item H. Date CDRL was prepared

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry)

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-1 (AMSDL), or one-time DID number, that defines data content and format requirements

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number)

Item 6. Enter technical office responsible for ensuring adequacy of the data item

Item 7. Specify requirement for inspection/acceptance of the data item by the Government

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24)

Item 10. Specify number of times data items are to be delivered

Item 11. Specify as-of date of data item, when applicable

Item 12. Specify when first submittal is required

Item 13. Specify when subsequent submittals are required, when applicable

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16

Item 15. Enter total number of draft/final copies to be delivered

Item 16. Use for additional clarifying information for items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups and developing estimated prices for each data item listed on the DD Form 1423

a. Group I. Definition - Data which is not otherwise essential to the continued performance of the primary contracted effort (production development, test administration) but which is required by DD Form 1423

Estimated Price - Costs to be included under Group I are those applicable and assembling the data item in conformance with Government requirements, administration and other expenses related to reproducing and delivering such data to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort both the contractor is required to perform additional work and Government requirements with regard to depth of content, format, frequency of preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred above the cost of the essential data item without conforming to Government requirements and the administrative and other expenses related to reproducing and delivering such data to the Government.

c. Group III. Definition - Data which the contractor must develop for his performance of the primary contracted effort and does not require any submittal to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV Definition - Data which is developed by the contractor as part of normal operating procedures and his effort in supplying these data to the Government at minimal cost.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total cost estimated to be attributable to the production development for the Government of the data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract. The estimated data prices shall not include any amount for the contractor's overhead. The Government's right to use the data shall be governed by the pertinent contract.

CONTRACT DATA REQUIREMENTS LIST (2 Data Items)						Form Approved OMB No. 0704-0188	
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D. SYSTEM/ITEM 1615-01-310-0522		E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. 0005		2. TITLE OF DATA ITEM CERTIFICATION DATA REPORT		3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DSCR			
7. DD250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ		12. DATE OF FIRST SUBMISSION SEE BLOCK 16*	
8. ADP CODE A				11. AS OF DATE		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16**	
16. REMARKS block 4: PARA 10.1, 10.2, 10.2.1, 10.2.2, 10.2.4, 10.5 APPLY BLOCK 12 and BLOCK 13 * At the time of contract completion contractor shall retain 100% of contract quality records for seven years. BLOCK 3 REPORTS SHALL BE PROVIDED FOR THE BELOW LISTED SUBTITLES. CERTIFICATION REPORTS FOR PRIME PROCESS AND MATERIAL SPECIFICATIONS SHALL INCLUDE CERTIFICATION THAT ALL VENDORS PERFORMING THESE PROCESSES ARE PRIME APPROVED SOURCES. (1) MATERIAL CERTIFICATION REPORTS: I/A/W PL65396-060088 (2) PROCESS CERTIFICATIONS: ANODZE: I/A/W MIL-A-8625 HARD ANODIZE: I/A/W/ SS8426 PENETRANT INSPECT I/A/W/ SS8806 WASH PRIMER I/A/W/ SS8500				14. DISTRIBUTION			
				a. ADDRESSEE		b. COPIES	
						Draft	
						Final	
						Reg	
						Repro	
				DCMC/QAR		1/0	
				NAVICP-P 0731		1/0	
				PCO		1/0	
				NADEP CH/PT			
Code 3.3.2		1/0					
15. TOTAL		4/0					
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16. REMARKS				14. DISTRIBUTION			
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						Draft	
						Final	
						Reg	
						Repro	

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